PTO/SB/21 (09-04)

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			Application Number	10/081,872	
TRANSMITTAL FORM			Filing Date	February 21, 2002	
			First Named Inventor	Walter CALLEN	
(to be us	ed for all correspondence after	r initial filing)	Art Unit	1652	
	od for all concepting and	unda mingy	Examiner Name	R. Prouty	
Total Numbe	er of Pages in This Submiss	sion 8	Attorney Docket Numb	<sup>Der</sup> 564462006100	
	EN	ICLOSURES	Check all that app	oly)	
Fee Transi (1 page + c	mittal Form duplicate)	Drawing(s)		After Allowance Communication to TC	
Fee	Attached	Licensing-rel	ated Papers	Appeal Communication to Board of Appeals and Interferences	
Amendme	nt/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
After	Final	Petition to Co Provisional A		Proprietary Information	
Affid	avits/declaration(s)		rney, Revocation rrespondence Address	Status Letter	
Extension of Time Request		Terminal Dise	claimer	X Other Enclosure(s) (please Identify below):	
		Request for	Refund	Form PTO/SB/08a/b (1 page + duplicate) 6 References	
x Information (3 pages)	n Disclosure Statement	CD, Number	of CD(s)	Return Receipt Postcard	
Certified Copy of Priority Document(s)  Lands			ape Table on CD		
	lissing Parts/ Application	Remarks			
	y to Missing Parts under FR 1.52 or 1.53	CUSTOMER	NO. 45975		
rm Name			NT, ATTORNEY, OF	RAGENT	
	MORRISON & FOERSTER LLP				
gnature					
inted name	Gregory P. Einhorn				
ate	March <u><b>0</b></u> <b>9</b> , 2005		Reg. No.	38,440	
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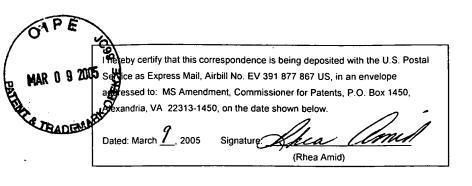
PTO/SB/17 (12-04v2)

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na Bit	Effective on 12/08/	2004		·	Comp	lete if Kno	wn	
Fees pursuant to t	he Consolidated Approp		.R. 4818).	Application Nur	nber 1	0/081,872		
FEE TRANSMITTAL				Filing Date Februar		ebruary 21,	ruary 21, 2002	
For FY 2005				First Named Inventor Walter CALL		EN		
	FOLL T	<u> </u>		Examiner Name	R	. Prouty		
Applicant	claims small entity stat	us. See 37 CFR 1.:	27	Art Unit	1	652		
TOTAL AMOU	NT OF PAYMENT	(\$) 180.00	)	Attorney Docket	No. 5	644620061	00	
METHOD OF	PAYMENT (check	all that apply)						
Check	Credit Card	Money Order	No	ne Other (	please identif	fy):		
x Deposit Ac	count Deposit Acc	ount Number: 03	-1952	_ Deposit Account Na	ıme:	Morrison &	Foerster LLP	
For the	above-identified depo	osit account, the I	Director is	hereby authorize	ed to: (check	all that apply	y)	
x CI	narge fee(s) indicated	d below		Charg	e fee(s) indi	cated below,	except for the	filing fee
x ci	narge any additional i e(s) under 37 CFR 1	fee(s) or underpa .16 and 1.17	yment of	x Credit	any overpa	yments		
FEE CALCUL					<del></del>		<del></del>	
1. BASIC FILIN	G, SEARCH, AND E	XAMINATION FE	EES					
	. FI	LING FEES	SE	ARCH FEES	EXAMINA	ATION FEE		
Application Ty	pe Fee (\$	Small Entity Fee (\$)	Fee (\$	Small Entity ) Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Pa	id (\$)
Utility	300	150	500	250	200	100		(47
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
Reissue	300	150	500	250	600	300		
Provisional	200	100	0	0	0	0		
2. EXCESS CLA	AIM FEES				-		Si	mall Entity
Fee Description							Fee (\$)	. <u>Fee (\$)</u>
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· ·	nt claim over 3 (incl	uding Reissues)					200	100
Multiple depend	lent claims						360	180
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Indep. Claims	Extra Claims	Fee (\$)	Fee I	Paid (\$)		<del>.</del>		
	- 3 =	x = _						
3. APPLICATION SIZE FEE								
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer								
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50								
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)								
	4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Fees Paid (\$)							
Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00								
SUBMITTED BY  Registration No. 39 440 Theres (959) 730 5433						5122		
Signature	11. C	ukou-		(Attorney/Agent)	38,440	Telephone	(858) 720-	
Name (Print/Type)	Gregory P. Einho	rn				Date	March <b>▷ 9</b> .	_, 2005



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Walter CALLEN et al.

Serial No.: 10/081,872

Filing Date: February 21, 2002

For: ENZYMES HAVING ALPHA

AMYLASE ACTIVITY AND METHODS

OF USE THEREOF

Examiner: R. Prouty

Group Art Unit: 1652

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

03/15/2005 AWONDAF1 00000118 031952 10081872

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	With	the application; accordingly, no fee or separate requirements are required.					
	Befor	Before the mailing of a first Office Action after the filing of a Request for Continued					
	Exam	ination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97					
	(e)(1)	has been provided.					
	Withi	n three months of the application filing date or before mailing of a first Office Action					
	on the	e merits; accordingly, no fee or separate requirements are required. However, if					
	applic	cable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.					
$\boxtimes$	After	After receipt of a first Office Action on the merits but before mailing of a final Office Action					
	or No	or Notice of Allowance.					
		A fee is required. A check in the amount of is enclosed.					
	$\boxtimes$	A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to					
		this submission in duplicate.					
		A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is					
		believed to be due.					
	After	After mailing of a final Office Action or Notice of Allowance, but before payment of the					
	issue	issue fee.					
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the					
		amount of is enclosed.					
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal					
		form (PTO/SB/17 is attached to this submission in duplicate.)					

This Information Disclosure Statement is submitted:

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist;

(iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petitions for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 564462006100. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: March <u>**09**</u>, 2005

Respectfully submitted,

Gregory P. Einhorn

Registration No.: 38,440

MORRISON & FOERSTER LLP 3811 Valley Centre Drive, Suite 500

San Diego, California 92130

(858) 720-5133

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known				
Application Number	10/081,872			
Filing Date	February 21, 2002			
First Named Inventor	Walter CALLEN			
Art Unit	1652			
Examiner Name	R. Prouty			
Attorney Docket Number	564462006100			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite ·	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
	No.1	Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,			
	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁵		
	1.	EP 0648843	04/1995					
	2.	WO 98/45417	10/1998					

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	3.	Jorgensen et al. (1997). J. of Biol. Chem. 272(26):16335-16342.	
	4.	Leveque et al. (2000). FEMS Microbiol. Letts. 186(1):67-71.	
	5.	Patent Abstracts of Japan (1997). JP 9173077 A 1997(11).	
	6.	Supplementary European Search Report mailed 09/06/04 for European patent application no. EP02706401, 5 pages.	
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<sup>\*</sup>EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date
Signature	Considered

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.